Electronic Acknowledgement Receipt						
EFS ID:	3143323					
Application Number:	10521582					
International Application Number:						
Confirmation Number:	4027					
Title of Invention:	Frequency domain equalization in communications systems with scrambling					
First Named Inventor/Applicant Name:	Shiquan Wu					
Customer Number:	27160					
Filer:	RICHARD P BAUER/Wiladean Johnson					
Filer Authorized By:	RICHARD P BAUER					
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Receipt Date:	11-APR-2008					
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Application Type:	U.S. National Stage under 35 USC 371					
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Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$460
RAM confirmation Number	2857
Deposit Account	501710
Authorized User	

# File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
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1		213222-00098_Amendment_ and_EOT.pdf	506287	yes	17				
			a75a8812c606dedf628304d96487da6d 0e3a13d5	yes					
	Multipart Description/PDF files in .zip description								
	Document Description		Start	End					
	Extension of Time		1	1					
	Amendment - After No	2	2						
	Specification		3	3					
	Claims		4	15					
	Applicant Arguments/Remarks Made in an Amendment		16	17					
Warnings:									
Information									
2	Fee Worksheet (PTO-06)	fee-info.pdf	8197	no	2				
-	1 00 11011011001 (1 1 0 00)	ioo iiio.pai	53f661f8b4f264ac0069796628ed2185e e9f5c7d		<u>-</u>				
Warnings:									
Information	:								
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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.